

Converting Colors

CIELCh(56, 14.433, 314.745)

Have a look what the booklet for
CIELCh(56, 14.433, 314.745)
contains.

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Color

CIELCh(56, 14.422, 314.812)

Conversions

Conversions Part 1

Format	Color
Hex	908198
RGB	144, 129, 152
RGB Percent	56%, 51%, 60%
CMY	0.4351, 0.4939, 0.4038
CMYK	0.05, 0.15, 0.00, 0.40
HSL	279°, 10%, 55%
HSV	279°, 15%, 60%
XYZ	25.0351, 23.9124, 33.0194
YIQ	136.1070, 1.5570, 10.3330

Conversions

Conversions Part 2

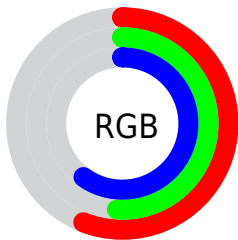
Format	Color
R_{YB}	144, 129, 152
Decimal	9470360
CIE _{Lab}	56.00, 10.16, -10.23
CIE _{LCh}	56, 14.422, 314.812
Yxy	23.9124, 0.3054, 0.2917
Android (android.graphics.Color)	4287660440 (0xFF908198)
YUV	136.1070, 7.8352, 6.9222
Hunter-Lab	48.9003, 5.8097, -5.8047

Details

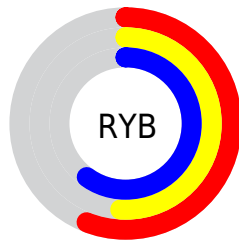
The CIELCh color $56, 14.422, 314.812$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $61, 14.227, 133.568$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $76, 14.227, 315.142$, and $36, 14.287, 315.488$ is the 20% darker color. If you saturate the color by 10%, you get $52, 24.183, 315.246$, and if you desaturate by 10%, it is $61, 4.835, 314.377$.

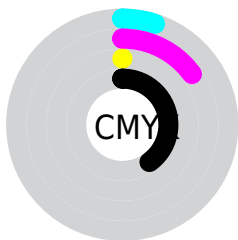
Distribution



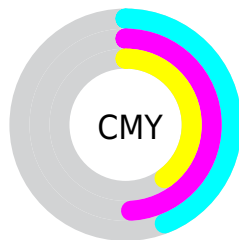
- Red (56%)
- Green (51%)
- Blue (60%)



- Red (56%)
- Yellow (51%)
- Blue (60%)



- Cyan (5%)
- Magenta (15%)
- Yellow (0%)
- Black (40%)





- Cyan (44%)
- Magenta (49%)
- Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 14.422, 314.812 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 56, 14.422, 314.812 by changing the saturation by 10% instead.


 56, 14.422,
314.812


 56, 14.422,
314.812


 100, 14.422,
314.812


 46, 14.422,
314.812


 76, 14.422,
314.812

 36, 14.422,
314.812

 86, 14.422,
314.812

 26, 14.422,
314.812

 96, 14.422,
314.812

 16, 14.422,
314.812

 6, 14.422, 314.812

 0, 14.422, 314.812

56, 14.422,
314.812

56, 14.422,
314.812

52, 24.183,
315.246

61, 4.835, 314.377

47, 34.033,
315.681

65, 4.523, 134.044

43, 43.824,
316.095

70, 13.629,
133.661

39, 53.322,
316.455

74, 22.476,
133.326

35, 62.187,
316.717

79, 31.063,
133.025

32, 69.969,
316.820

83, 39.398,
132.754


29, 76.148,
316.694


88, 47.490,
132.513

27, 80.324,

92, 55.351,
132.299

316.278

 94, 56.928,
131.078

 27, 82.074,
316.053

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



56, 14.422, 314.812



61, 14.227, 133.568

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



56, 14.422, 314.812



56, 14.422, 4.812



56, 14.422, 134.812



56, 14.422, 184.812

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



56, 14.420, 314.811



77, 5.870, 314.376



57, 8.966, 271.817



40, 3.997, 314.405



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



56, 14.420, 314.811



70, 21.431, 314.951



57, 14.307, 329.713



30, 5.381, 314.557



24, 77.340, 316.125



1, 5.743, 313.841

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



56, 10.243, 354.125



71, 15.251, 354.475



61, 14.271, 147.890



30, 3.808, 353.512



29, 54.848, 15.320



1, 4.037, 353.111

Previews

White Background



This preview shows how the CIELCh color 56, 14.422, 314.812 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 56, 14.422, 314.812 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

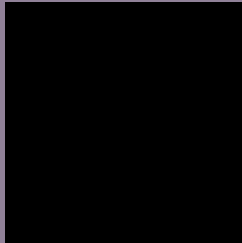
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 56, 14.422, 314.812

Background



This preview shows how black text looks on a background with the CIELCh color 56, 14.422, 314.812.



This preview shows how white text looks on a background with the CIELCh color 56, 14.422, 314.812.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

56, 14.422, 314.812

Protanopia

56, 12.630, 286.687

Deuteranopia

56, 12.457, 305.520



Tritanopia
56, 7.191, 327.398

Trichromacy



Original Color
56, 14.422, 314.812

Protanomaly
56, 12.682, 296.689

Deuteranomaly
56, 13.339, 309.707

Tritanomaly
56, 10.001, 321.219

Monochromacy



Original Color
56, 14.422, 314.812

Achromatopsia
57, 0.007, 296.813

Achromatomaly
56, 5.681, 314.899

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 14.422, 314.812 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(144, 129, 152)` looks like.

```
.text, #text, p{  
    color:rgb(144, 129, 152)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(144, 129, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 129, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 14.422, 314.812 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(144, 129, 152) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(144, 129, 152) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(144, 129, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 129, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 129, 152);  
box-shadow:4px 4px 4px 4px rgb(144, 129,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 14.422, 314.812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 129, 152) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(144,  
129, 152) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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